

What is claimed is:

1 1. A method of processing transactions, comprising the steps of:

2 providing a plurality of processing databases each having a  
3 respective agent;

4 providing a transaction database;

5 writing one or more transactions, each having a key and a detail,  
6 from a first of said plurality of processing databases to said  
7 transaction database;

8 periodically searching, using a processing agent from a second of  
9 said plurality of processing databases, in said transaction  
10 database for a key and detail to determine whether said  
11 processing agent should process said one or more transactions;  
12 and

13 updating a record in said second of said plurality of processing  
14 databases, by using said key and detail.

1 2. The method of claim 1, wherein said transaction database is a  
2 messaging database.

1 3. The method of claim 1, wherein said transaction database is a  
2 LOTUS NOTES database and said plurality of processing databases  
3 are adapted to read said LOTUS NOTES database.

1 4. The method of claim 1, wherein each of said one or more  
2 transactions has a processor designation specifying which of said  
3 plurality of processing databases is affected by said each of  
4 said one or more transactions.

1 5. The method of claim 1, wherein said key includes a wildcard  
2 character.

1 6. The method of claim 1, further comprising the step of  
2 transferring said one or more transactions from said transaction  
3 database to said second of said plurality of processing databases  
4 prior to said step of updating a record.

1 7. The method of claim 1, further comprising the step of setting  
2 a status flag in said one or more transactions.

1 8. A system for processing transactions, comprising:

2 a plurality of processing databases each having a respective  
3 agent;

4 a transaction database;

5 means for periodically searching, using a processing agent from a  
6 second of said plurality of processing databases, in said  
7 transaction database for a key and detail to determine whether  
8 said processing agent should process said one or more  
9 transactions; and

10 means for updating a record in said second of said plurality of  
11 processing databases, by using said key and detail.

1 9. The system of claim 8, wherein said transaction database is a  
2 messaging database.

1 10. The system of claim 8, wherein said transaction database is a  
2 LOTUS NOTES database and said plurality of processing databases  
3 are adapted to read said LOTUS NOTES database.

1 11. The system of claim 8, wherein each of said one or more  
2 transactions has a processor designation specifying which of said  
3 plurality of processing databases is affected by said each of  
4 said one or more transactions.

1 12. The system of claim 8, wherein said key includes a wildcard  
2 character.

1 13. The system of claim 8, further comprising means for  
2 transferring said one or more transactions from said transaction  
3 database to said second of said plurality of processing  
4 databases.

1 14. The system of claim 8, wherein said one or more transactions  
2 have a status flag.

1 15. A computer program product for instructing a computer  
2 processor to handle transactions, said computer program product  
3 comprising:

4 a computer readable medium;

5 first program instruction means for providing a plurality of  
6 processing databases each having a respective agent;

7 second program instruction means for providing a transaction  
8 database;

9 third program instruction means for writing one or more  
10 transactions, each having a key and a detail, from a first of  
11 said plurality of processing databases to said transaction  
12 database;

13 fourth program instruction means for periodically searching,  
14 using a processing agent from a second of said plurality of  
15 processing databases, in said transaction database for a key and  
16 detail to determine whether said processing agent should process  
17 said one or more transactions; and

18 fifth program instruction means for updating a record in said  
19 second of said plurality of processing databases, by using said  
20 key and detail; and wherein

21 all said program instruction means are recorded on said medium.

1 16. The computer program product of claim 15, wherein each of  
2 said one or more transactions has a processor designation  
3 specifying which of said plurality of processing databases is  
4 affected by said each of said one or more transactions.

1 17. The computer program product of claim 15, wherein said key  
2 includes a wildcard character.

1 18. The computer program product of claim 15, further comprising  
2 sixth program instruction means for transferring said one or more  
3 transactions from said transaction database to said second of  
4 said plurality of processing databases.

1 19. The computer program method of claim 15, further comprising  
2 sixth program instruction means for setting a status flag in said  
3 one or more transactions.